

V A L L E Y

*Speculum Anni a partu Virginis, 1664*  
O R,  
*A New Almanack for the Year of*  
*the Worlds Redemption. 1664*

Being Bissextile or Leap-Year.  
Calculated and Principally referred for  
the Latitude and Meridian of the ancient  
City of *Durham*, where the Pole  
Arctick is Elevated almost  
55 Degrees.

By *John Vallis* of *Bishop Auckland*,  
a lover of the Arts Mathematical.

The 44th. Edition.

Curse not the King, no not in thy  
thought, and curse not the Rich in the bed  
Chamber: for a Bird of the Ayre shall  
carry the voice, and that which  
hath wings shall tell the  
matter, Eccles.  
10. 20.

As for his enemies I will cloth them with shame, bin  
upon himself shall his Crowne flourish.  
Psalm. 132. 19.

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the Company of Stationers.

**The Common Notes, and Movable Feasts, for this present year, 1664. according both to the English and Reformed accounts.**

<i>The Julian, Sophonian, or English Account.</i>		<i>The Lilian, Gregorian, or Romane Account.</i>	
The Golden Number 10		Aureus Numerus	12
The Cycle of the Sun 21		Cyclus Solaris	21
The Dominical Letter C		Litteræ Dominicallæ	C
The Roman Indiction 4		Romana Indictio	4
The Epact 12		Epactæ	12
Septuagesima, Jan. 24		Quinquagesima	Feb. 24
Easter Day, April. 1		Dominica Paschalis,	Apr. 13
Ascension Day, May 19		Ascensio Domini	May 21
Whitsunday, May 29		Pentecoste	June 1
Trinity Sund. June 5		Festus Trinitatis	June 8
Trident Sund. Nov. 27		Adventus Dom.	Nov. 20
From the Fixtivity of Easter to Septuagesima, is 8 weeks 1. day.		Interval. minus five Numer. hebdom. & dies. Inter Nat. Dom. & Epact. mthl. hebdom. 8. dies. 4.	
3 weeks 5 days	Between Whitsunday and Midsummer	3 weeks, 2 days,	
24 weeks	Between Whitsund. & Advent called <i>Inter-medies</i> .	24 weeks:	

Note that the Supputation of the Year of our Lord in the Church of England, beginneth the five and twentieth day of March.

*Veneris ingens scdm cum antequidm Solem querepds  
Trace, Lucifer. Lamine distit, Cum subsequitur & ab occasu  
Solis, vespere, vespere & vespere appellatur.*

## The Authors Wishes.

1. I wish all happines to my *Gracious Sovereign King Charles the Second*, to his Royall Consort our *Gracious Queen Katherine. Mary the Queen Mother*, to the most Illustrious *James Duke of York*, and to the rest of that Royall and hopeful Progeny.

2. I wish *Peace, Unity and true Amity*, amongst all Christian Kings and Princes, and conversion or confusion to the rest.

3. I wish that all titular Graduates, who cannot speak and write, smoth and true *Latine* having deserted the *Universities*, crept into the Clergy, and shuffled into Benefices, that they were all statuted to return to their Mother, and there to continue Sucking untill they could speak.

4. And Lastly, I wish that all those, who have been Tradesmen or Mechanicks, and all those who have been of no *University*, but onely of the Colledge of the Collectors of Sermon Notes, and like Bayards have thrust themselves into the Ministry, that they were turned to their Trades again, and that their Places were supplied with Learned Men.

*Scelus, nobis hac omnia nostrum  
Ingerit, Et iberei Sententia Iudicis a qua est.*

Of the Ember and Fasting dayes. As also  
of the Times of Marriage.

There be four times in the Year called, *Anni quatuor tempora*, which the Church hath appointed for Iejunial or Fasting dayes, every of which time containeth three dayes, *Wednesday, Friday, and Saturday*: two of which

Fasting depends on fixed dayes, the other upon dayes moveable. First we fast in the spring to the end as all things then flourish, so may also the works of men in Summer, that we may be in charity: *ni autumne*, that we may bring forth the fruits of good works, and in Winter that as the leaves fall from the Trees, and small Herbs dye, so vice may be killed in us, and superfluities fall from us. Or we fast to Temperate and Moderate the humour predominating that Quarter, as coler in Summer, &c. the which fasting dayes be.

The Wednesday	}	Quadragesima.
Friday and Saturday		Whitsunday.
after.		Holy Cross.
		St. Lucies day.

But if Holy Cross, or St Lucies day, fall upon a Wednesday, then take the Wednesday following; as for the other fasting dayes, they be noted in the Calendar. And the Cause wherefore the Romans and we observe no fasting day, betwixt the Resurrection and Ascension day, is (as I take it) grounded upon this Text: *can the Children of the Marriage Chamber fast while the Bridegroom is with them, &c. Mark 2. 19.*

### Times Prohibited from Marriage.

From	{	after Advent Sunday.	{	till	{	8 dayes after the
		after Septuagesima.				Epiphany.
		3 dayes before the				8 day. aft. Easter.
		Ascension.				Trinity Sunday.

*Conjugium Adventus prohibet, hilarit̃q; remittit  
Septuagena Vetat, sed Pascha octava relaxat.  
Rogamen Vetitat, concedit trina potestas.*



# January hath xxxi dayes.

Full moon the 3 day 37 min. past 3 in the morning.  
 Last quarter the 10 day, 9 min. past 3 in the morning  
 New moon the 28 day, 41 min. past 7 in the morn.  
 First quarter the 5 day, 36 min. past 10 in the foren.

1	g	1 Jan. years d.	8	1	3	39	Shoulders	6	1	5	59
2	a	Oct. Steph.	8	9	4	1	Breast and	6	0	6	0
3	a	2 sun. af. Ch	8	10	3	4	Stomack	5	59	6	1
4	a	Telesphor	8	17	3	4	Heart and	5	57	6	3
5	d	Simon	8	15	3	45	back	5	56	6	4
6	e	2 week day	8	14	2	46	bowels &	5	55	6	5
7	f	Julliana	8	12	3	48	belly.	5	54	9	6
8	g	Lucian Pp.	8	10	3	50	veines &	5	54	0	8
9	a	Mercellinus	8	8	3	5	teinos	5	5	6	9
10	a	1 sun. af. Ep.	8	6	3	54	secrets	5	49	6	12
11	c	2 sun. Aquat	8	5	3	55	secrets and	5	48	6	12
12	d	Archade	8	3	3	57	bladder	5	46	6	14
13	e	Billary bish	8	1	3	5	thighes	5	44	6	15
14	f	Felix	8	0	4	0	thighes	5	43	6	17
15	g	Maurus	7	58	4	2	feet	5	42	6	18
16	a	Marcellus	7	57	4	2	knecs	5	41	6	19
17	a	2 Sun. af. Ep.	7	55	4	5	knecs	5	39	6	2
18	e	Pulca virg.	7	53	4	7	legs	5	38	6	11
19	d	Mollan	7	5	4	9	legs	5	37	6	13
20	c	Os. Hills	7	49	4	1	feet	5	35	6	25
21	f	Agnes vir	7	47	4	3	feet	5	34	6	26
22	g	Vincentius	7	4	4	1	head	5	3	6	27
23	a	Term begins	7	43	4	17	head and	5	3	6	29
24	a	2 sun. af. Ep.	7	41	4	19	ice	5	29	6	31
25	c	Conv. Paul.	7	40	4	20	neck and	5	27	6	32
26	d	Molicarp	7	38	4	22	broas	5	26	6	34
27	e	Quin. Hill	7	36	4	24	knecs and	5	24	6	36
28	f	Telesphus	7	34	4	26	Shoulders	5	22	6	38
29	g	Samuel	7	3	4	28	breast &	5	21	9	39
30	a	2 Cl. Murr.	7	29	4	30	stomack	5	19	6	41
31	a	4 sun. af. Ep	7	27	4	33	heart	5	17	6	43

# February hath xxix dayes.

Full Moon the 1 day, 37 min. past 2 in the afternoon.  
 Last Quarter the 8 day, 33 min. past 9 at night.  
 New Moon the 17 day, 10 min. past 1 in the morning.  
 First Quarter the 24 day, 15 min. past 7 in the morning.

1	D	Bridget Pass.	7 25	4 35	back	5 15	6 45
2	E		7 13	4 37	bowels &	5 14	6 46
3	F	Craft. Purif.	7 10	4 40	belly	5 12	6 48
4	G	Gilbert	7 18	4 42	roines &	5 10	6 50
5	A	Agas. v & m.	7 16	4 44	loins	5 8	6 52
6	B	Medast & In	7 13	4 4	secrets	5 6	6 54
7	C	Septuagesima	7 11	4 45	secrets and	5 4	6 56
8	D	Paul With.	7 9	4 51	bladder.	5 2	6 8
9	E		7 7	4 53	thighes	5 0	7 0
10	F	Scholastica	7 5	4 55	thighes	4 58	7 2
11	G	Euphrast	7 3	4 57	knees	4 56	7 4
12	A		7 1	4 59	nees	4 54	7 6
13	B	Agabus	6 58	5 2	nees	4 51	7 9
14	C	Sexagesima	6 56	5	legs	4 49	7 11
15	D	Austinus	6 54	5 6	legs	4 47	7 13
16	E	Indian Warg	6 52	5 8	feet	4 4	7 15
17	F	Polycron	6 50	5 10	feet	4 43	7 17
18	G	Iuliana	6 48	5 12	feet	4 41	7 19
19	A	Gabinus	6 45	5 15	head and	4 39	7 21
20	B	Heliodore	6 43	5 17	face	4 36	7 24
21	C		6 41	5 19	neck and	4 34	7 26
22	D	Cath Petri	6 38	5 21	throat	4 32	7 28
23	E	Polycarp	6 6	5 2	arms &	4 30	7 30
24	F	Ashwed. Fa R	6 4	5 26	shoulders	4 27	7 33
25	G		6 31	5 2	roast and	4 25	7 35
26	A	Victorinus	6 29	5 2	tomack	4 23	7 7
27	B	Alexander	6 27	5 3	heart	4 2	7 40
28	C	Quadrages.	6 26	5 3	care and	4 1	7 41
29	D	Dies inter.	6 24	5 36	back	4 18	7 42

# March hath xxxi dayes.

Full moon the 1 day, 11 min past 2 In the morn.  
 Last quarrer the 9 day, 22 mi .past in the evening.  
 New moon the 17 day, 34 min past 3 In the aftern.  
 First quarter the 24 day, 2 min before 2 In the aftern.  
 Full moon the 31 day, 8 min past 2 in the afternoon.

1	D	David arch	6 12 5 38 bowels &	4 1 7 5
2	e	Ember week	6 0 5 40 belly	4 13 7 4
3	f	Martin & An	6 1 5 42 r ins &	4 1 7 49
4	g	Abrian	6 1 6 5 44 loines	4 8 7 2
5	a	Eusebins M	5 13 5 47 secrets &	4 6 7 54
6	z	Didin P. t.	6 11 5 49 bladder	4 3 7 57
7	c	Cho. o' A q	6 9 5 50 thighs	4 1 7 59
8	D	Felix Esh.	6 6 5 5 thighs	3 58 8 2
9	e	Apolline	6 4 5 56 thighs	3 55 8 5
10	f	o In Ariete	6 2 5 58 knees	3 52 8 8
11	g	Nutriton	6 0 6 0 knees	3 49 8 11
12	a	Gregory W	5 58 6 2 legs	3 47 8 13
13	z	fund. in Lent	5 56 6 4 legs	3 45 8 15
14	c	Longinus	5 54 6 6 legs	3 42 8 18
15	D	Candide	5 51 6 9 feet	3 39 8 21
16	e	Patrick Bl.	5 49 6 11 feet	3 37 8 24
17	f	Bontface	5 47 6 13 head &	3 35 8 27
18	g	Edward King	5 44 6 16 face	3 30 8 30
19	a	Ioseph	5 41 6 1 neck &	3 27 8 33
20	z	4 sun in Lent.	5 40 6 20 throat	3 24 8 36
21	c	Cuthbert	5 38 6 22 armes	3 22 8 38
22	D	Iphrodeslus	5 36 6 24 arms &	3 19 8 41
23	e	Theodore	5 33 6 27 shoulder	3 16 8 44
24	f	Betoigh. f. f.	5 31 6 29 breast &	3 12 8 47
25	g	Annus Mary	5 29 6 31 stomach	3 10 8 50
26	a	Castor Mar.	5 26 6 34 heart and	3 6 8 54
27	z	5 sun. in Lent	5 24 6 36 back	3 3 8 57
28	c	Dorothe	5 22 6 38 bowels &	3 0 8 0
29	D	Quintine	5 20 6 40 belly	2 59 8 4
30	e	Quirine	5 18 6 42 veines &	53 1 7
31	f	Adeline	5 16 6 44 loins	2 49 8 11

# April hath xxx dayes.

Last Quarter the 3 day, 19 min before 1 In the aftern.  
 New Moon the 16 day, 43 min. past 1 i the morning.  
 First Quarter the 22 day, 10 min. past 8 In the even.  
 Full Moon the 30 day, 12 min. past 3 in the morn.

1	S	Epiphany	5	14	4	secrets	2	46	9	14
2	S	Shrove Tuesday	5	12	4	secrets &	2	43	9	17
3	M	St. Stephens	5	1	6	bladder	2	40	9	20
4	T	St. Ambrose	5	8	6	shighes	2	37	9	23
5	W	St. Vincent con.	5	6	6	shighes	2	33	9	27
6	Th	St. Irenaeus	5	4	6	knees	2	30	9	30
7	F	St. Maund. Ch	5	2	6	knees	2	26	9	34
8	S	Good Friday	4	19	7	knees	2	23	9	37
9	M	Sol. Sab. T.	4	5	7	legs	2	20	9	40
10	T	Easter day	4	5	7	legs	2	6	9	44
11	W	St. Oswald ar.	4	5	7	feet	2	11	9	48
12	Th	St. Iustus	4	5	7	feet.	2	8	9	52
13	F	St. Iulianus	4	4	7	head	2	4	9	56
14	S	St. Valerian Ma	4	4	7	head and	2	0	10	0
15	M	St. Leonaro	4	4	7	face	5	10	10	5
16	T	St. Indore Bish	4	4	7	neck and	1	5	10	10
17	W	Low Sunday	4	4	7	throats	1	4	10	15
18	Th	St. Clutharius	4	3	7	armes and	1	4	10	20
19	F	St. Alphe ear.	4	6	7	shoulders	1	3	10	25
20	S	St. Victor bish.	4	3	7	breast and	1	30	10	30
21	M	St. Symeon bi	4	3	7	stomack	1	24	10	36
22	T	St. Mother v rg	4	3	7	heart &	1	18	10	42
23	W	St. George	4	2	7	back	1	12	10	48
24	Th	2 Sun af. East.	4	2	7	bowels &	1	6	10	54
25	F	St. Mark Apo	4	2	7	belly	1	0	11	0
26	S	Quind. Id.	4	2	7	veines	5	11	11	6
27	M	Term begin	4	2	7	veines &	4	6	11	14
28	T	St. Vitalis mar.	4	1	7	loines	3	8	11	22
29	W	St. Aphrodisius	4	1	7	secrets &	1	6	11	34
30	Th	St. Eusebius	4	1	7	bladder	1	0	11	44

# May hath xxxj dayes.

Last Quarter the 8 day, 23 min. past 6 in the morn.  
 New moon the 15 day, 27 min. before high noon  
 First quarter the 22 day, 48 min. past 2 in the morning  
 Full moon the 29 day, 4 min. past 5 in the aftern.

1	Phil. & Iacob	4	12	7	48	thighes	4	1156
2	Cres Pach	4	10	7	50	thighes		
3	D Inven. to cru.	4	8	7	52	knees		
4	e Christoph	4	6	7	54	knees		
5	Gothardus	4	4	7	56	knees		
6	B John P. R.	4	3	7	57	legs		
7	John of Bev.	4	1	7	59	legs		
8	4 sun at East.	4	0	7	0	feet		
9	Thens Pas.	3	5	8	2	feet		
10	D Sol Job gen.	3	5	7	8	3 feet		
11	e Anthony	3	5	8	5	head and		
12	f Pancratius	3	5	8	6	face		
13	f Boniface	3	5	8	8	neck and		
14	a Iudoze ma.	3	5	8	9	throat		
15	Rogation sun	3	4	9	8	11 armes &		
16	c Brandon B.	3	4	7	8	3 shoulders		
17	D Trans. Wer	3	4	6	8	14 breast &		
18	e Potent fast	3	4	4	8	16 stomach		
19	f Ascension day.	4	8	7	heart and			
20	g Crast Ascen	3	4	2	8	18 back.		
21	a Hospittus	3	1	8	19	bowels		
22	e sun at East.	3	4	0	8	20 bowels &		
23	i Term ends.	3	3	9	8	21 belly		
24	D Edelme bish.	3	5	8	22	veins and		
25	e Urbane P	3	3	7	8	23 veins		
26	f August 1 B.	3	1	6	8	24 secrets &		
27	e Men. Bede P	3	3	5	8	25 bladder		
28	a German fast.	3	3	4	8	26 thighs		
29	Whitsunday	3	3	3	8	27 thighs		
30	c K. Ch. ad. n. R	3	2	8	28	thighes		
31	D Pereus	3	3	1	8	29 knees		

Day Continual. Day Continual. Day Continual. Day Continual.

June bath xxx days.

1st quarter the 6 day, 6 min. past 10 in the evening,  
 New moon the 13 day, 7 min. before 11 in the ven.  
 First quarter the 10 day, 14 min. before 11 in the foren.  
 Full moon the 23 day, 2 min. past 10 in the foren.

1	F	Ember week.	330	8	3	ances
2	f	Marcelline	330	8	0	legs
3	g	Erasmus	329	8	3	legs
4	a	Petrocius	329	8	3	legs
5	W	Odin. Pri.	328	8	3	feet
6	c	Craft Trin.	328	8	3	feet
7	D	Wolstan tr.	328	8	3	head and
8	e	Meyard	328	8	3	face
9	t	Corpus Chr.	328	8	3	neck
10	B	Terme begins	328	8	3	neck and
11	u	St. Barnabas	32	8	33	stomach
12	1	sun. af. Tri.	327	8	33	armes and
13	c	Peter Crin.	327	8	33	shoulders
14	D	Bull. bish.	327	8	33	breast and
15	e	Altes mod.	328	8	32	stomach
16	t	Holandus	328	8	32	heart &
17	B	St. Alban M.	328	8	32	back
18	a	Marcelline	328	8	32	bowels &
19	2	sun. af. Tri.	328	8	32	belly
20	t	Antid. trin.	328	8	32	veins and
21	D	Isula virg.	329	8	31	loins
22	e	Alban mart.	329	8	31	secrets &
23	c	Etheld fast	320	8	30	bladder
24	g	St. John Bapt.	320	8	30	thighes
25	h	Adolph	321	8	29	thighes
26	1	sun. af. Tri.	321	8	28	thighes
27	c	Cross trinit.	333	8	27	knees
28	D	Termends F.	324	8	26	knees
29	e	St. Peter Apo.	335	8	25	legs
30	t	Conv. of Paul	336	8	24	legs

# July hath xxxj dayes.

Last quarter the 15 day, 10 min. before in the morn.  
 New moon the 13 day, 10 min. before in the morn.  
 First quarter the 19 day, 8 min. p. ft. in the evening  
 Full moon the 27 day, 2 min. before midlight.

1	g	Oct. of John	37	8	2	legs		
2	p	Vincent. Mary.	38	8	2	feet		
3	☿	4 sun. af. Trin.	39	8	1	feet		
4	c	Transf. S.M.	40	8	0	head		
5	d	Joe Virgin	41	8	9	head and		
6	e	Oct. Peril.	42	8	8	face		
7		Tho. transla.	43	8	17	neck and		
8	g	Cyrill bish	44	8	16	throat		
9		7 Beth. M.	46	8	4	arms and		
10	☿	5 sun. af. T.	47	8	1	shoulders		
11	c	Benedict	49	8		waist &		
12	d	6 Sub. Stone	51	8	9	tomack		
13	e	Bonaventure	52	8		arm and		
14		Dibisso Ap.	54	8		ch		
15	g	6 within	55	8	5	we'sand		
16	h	Diamond	57	8		belly		
17	☿	6 sun. af. Trin.	58			arms and		
18		Apollinaris	4	0	0	eyes		
19	d	Dog day. beg.	4	7	5	fecious		
20	e	Margere v.	4	7	57	coats &		
21		Exp. d. Mir.	47	6		ladder		
22	g	May p. ag.	4	7	54	shishes		
23	a	Spoline fast	4	8	7	shishes		
24	☿	7 sun. af. Trin.	4	10	7	knees		
25	c	St. James	41	7	48	knees		4 11 56
26	d	Anna mat M.	14	7	4	knees		16 11 44
27	e	Martha	4	16	7	44	legs	26 11 34
28	f	Sampson bish	1	18	7	42	legs	38 11 22
29	g	Beatrice	4	20	7	40	feet	46 11 14
30	h	Edon Mart.	1	22	7	38	feet	54 11 6
31	☿	8 sun. af. Trin.	4	24	7	36	feet	10 11 0

# August hath xxxj dayes.

Last quarter the 4 day, 7 min. past 6 in the evening  
 New moon the 11 day, 24 min. past 9 in the foren.  
 First Quarter the 18 day, 33 min. past 10 in the foren.  
 Full moon the 26 day, 7 min. past 3 in the after-noon

1	c Lamentis day.	4	26	7	34	head &	1	6	10	4
2	D Stephen	4	8	7	32	face	1	1	10	8
3	e Invent Step	4	0	7	20	neck and	1	8	10	2
4	f Tristarchus	4	2	7	8	throats	2	4	10	6
5	g Gomerics C.	4	3	7	6	armes and	1	0	10	30
6	a Crant. Dom	4	3	6	7	24 shoulders	1	2	5	10
7	9 Sun. at Tr.	4	3	8	7	2 breasts and	1	4	0	10
8	c Cirlack	4	4	0	7	10 stomach	1	4	5	10
9	D Romane ma.	4	4	2	7	18 bears and	5	0	0	10
10	e Laurent. us	4	4	7	1	back	1	5	0	5
11	f Eiburt. mar	4	4	7	7	13 bowels	0	10	0	
12	g Clare M. g.	4	4	7	7	11 bowels &	2	4	9	56
13	a Solub Virg.	4	5	1	7	9 belly	1	8	9	52
14	10 Sun. at T.	4	3	7	7	reines and	2	1	9	48
15	c Allum. Ma.	4	5	4	7	5 loines,	2	1	6	9
16	D Rech. Con.	4	5	7	7	3 ceres &	2	0	9	40
17	e Oct. Laur	4	5	9	7	1 bladder	2	2	3	9
18	f Agapit. mar.	5	2	6	18	thighes	2	2	6	9
19	g Mirnus	5	2	6	5	6 thighes	2	0	3	30
20	a Athanasius	5	6	6	5	4 knees	3	3	9	27
21	11 Sun. at Tr.	5	8	6	2	4 knees	2	7	9	13
22	c Dog dayes end	5	10	5	5	4 knees	2	4	0	9
23	D Zachus. f.	5	12	6	4	8 legs	2	4	3	2
24	St. Barth. Apo.	5	14	6	4	6 legs	4	6	9	14
25	f Andolitus	5	16	6	4	4 legs	2	4	9	1
26	g Irepans	5	18	6	4	1 feet	2	5	3	9
27	a Ruffine mar.	5	10	6	4	0 feet	3	5	6	9
28	12 Sun. at T.	5	12	6	8	head and	2	0	9	0
29	Decol. Iohn	5	2	6	3	6 face	3	3	9	57
30	D Felix	5	2	6	3	4 neck	3	6	9	54
31	a Paulina.	5	2	9	6	1 neck &	3	1	0	9



# September hath xxx dayes.

Last quarter the 3 day, 16 min. before 2 in the morn.

New moon the 9 day, 24 min. past 6 in the evening

First quarter the 17 day, 46 min past 3 in the morn.

Full moon the 25 day 48 min past 5 in the morning;

1	f	Stiles Abbot.	5	31	6	29	throat	3	13	8	47
2	g	Antho.	5	33	6	27	armes and	3	16	8	44
3	a	Gregory	5	30	6	24	shoulders	3	19	8	41
4	h	13 sun. af. Tri.	5	38	6	22	breast &	3	22	8	38
5	f	Eutec. transf.	5	40	6	20	stomack	3	24	8	36
6	b	Eugentus	5	42	6	18	heart and	3	27	8	33
7	e	Enuchus b.	5	44	6	16	back	3	30	8	30
8	i	Mar. Maryb.	5	47	6	13	bowels &	3	33	8	27
9	g	Silvius	5	49	6	11	belly	3	36	8	24
10	a	Gorgonius	5	51	6	9	veins and	3	39	8	21
11	h	1. Su. af. Trin	5	54	6	6	loins.	3	42	8	18
12	f	Eu idon	5	56	6	4	secrets &	3	45	8	15
13	d	Sol. Libr.	5	58	6	2	bladder	3	47	8	13
14	e	Exalt. Cruc.	6	06	6	0	thighes	3	49	8	11
15	f	Nichodemus	6	25	5	58	thighes	3	52	8	8
16	g	Pyron	6	45	5	56	thighes	3	55	8	5
17	a	Lambert. bish.	6	65	5	54	knees	3	58	8	2
18	h	15 sun. af. Tri.	6	95	5	5	knees	4	1	7	59
19	f	Favartus	6	115	5	49	legs	4	2	7	57
20	d	Enlac. fast	6	135	5	47	legs	4	6	7	54
21	e	S. Mat. Apoc	6	165	5	44	legs	4	8	7	52
22	f	Victorinus	6	185	5	42	feet	4	11	7	49
23	g	Eccla virgin	20	540	5	40	feet	13	7	47	
24	a	Andoch. mar	6	215	5	38	head	4	15	7	45
25	h	Widin Patest	6	255	5	36	head. and	4	18	7	42
26	f	S. Cypril Ar.	6	275	5	33	face	4	20	7	40
27	d	Colm. & Jam.	6	295	5	31	neck and	4	23	7	37
28	e	Cruper fast	6	315	5	29	chryas	4	25	7	35
29	f	S. Mich. Arch	6	345	5	26	armes and	4	27	7	32
30	g	Pieronim.	6	365	5	24	shoulders	4	30	7	30

# October hath xxxj dayes.

Last quarter the 2 day, 6 min. before 9 in the forenoon.

New moon the 9 day, 30 min. past 5 in the morning.

First quarter the 16 day, 3 min. before midnight.

Full Moon the 24 day, 4 min. past 7 in the evening.

Last Quarter the 31 day, 24 min. past 4 in the afternoon.

1	a	Remigius.	6 38 5 22	breast and	43 2 7 18
2	b	sun. at Tri.	6 11 19	stomack	43 7 2
3	c	Stimplicius	6 4 5 17	heart and	43 6 7 24
4	d	francis con.	6 4 5 15	back	43 7 2
5	e	Apolline M.	6 48 5 12	bowells &	44 1 7 19
6	f	ath. v. rgin	6 50 5 0	belly	44 7 17
7	g	Mark & Mar.	6 52 5 8	reins and	44 5 7 15
8	a	Delagius.	6 54 5 6	loins	44 7 13
9	b	18 sun. at Tri.	6 56 5 4	secrets	49 7 11
10	c	Paul Bishop	6 58 5 2	secrets and	45 17 9
11	d	Burchard	7 1 4 9	badder	45 47 6
12	e	Colman	7 3 4 57	thighes	45 67 4
13	f	Sol. sub Scorp.	7 5 4 55	thighes	45 87 2
14	g	Callis	7 7 4 53	knees	5 07 0
15	a	Wolfran	7 9 4 51	knees	5 26 58
16	b	17 sun. at Tri.	7 11 4 49	knees	5 46 56
17	c	Ethe. r. d. H.	7 13 4 47	legs	5 66 54
18	d	St. Luke Apo.	7 15 4 44	legs	5 86 52
19	e	Fridiswilde	7 18 4 42	feet	5 106 50
20	f	Frederic Michael	7 20 4 40	feet	5 126 48
21	g	Mary Selem	7 23 4 37	feet	5 146 46
22	a	Severus bi.	7 25 4 35	head and	5 166 45
23	b	20 sun. at Tri.	7 27 4 33	side	5 176 43
24	c	Term begins	7 29 4 31	neck and	5 196 41
25	d	Crispin mar.	7 32 4 28	throat	5 216 39
26	e	Mesula	7 34 4 26	armes and	5 226 38
27	f	Mens. Mich.	7 36 4 24	shoulders	5 246 36
28	g	Sim. & Jude	7 38 4 22	breast &	5 266 34
29	a	Parcellus	7 40 4 20	stomack	5 276 33
30	b	21 sun. at T.	7 41 4 19	heart &	5 296 31
31	c	Maintine f.	7 43 4 17	back	5 316 29

# November hath xxx dayes.

New moon the 7 day, 16 min. past 7 in the evening  
 First quarter the 15 day, 15 min. past 9 at night  
 Full moon the 23 day, 7 min. before 8 in the morn.  
 Last quarter the 30 day, 7 min. past 1 in the morn.

1	D	All Saints	7 45 4	15 bowels	5 33 6	27
2	B	All Saints	7 47 4	13 bowells &	5 34 6	26
3	L	Cist. Anlm.	7 49 4	1 belly	3 6 25	
4	B	Amantius	7 51 4	9 reins and	5 37 6	23
5	B	Powder Tre.	7 53 4	7 loins	5 38 6	22
6	B	22 Sun. af. Trin	7 55 4	1 secrecs &	5 39 6	21
7	C	Willibrod	7 57 4	3 bladder	5 41 6	19
8	D	4 Crown Mar.	7 58 4	2 thighes	5 42 6	18
9	E	Etheboze m.	8 0 4	0 thighes	5 43 6	17
10	F	Triphon M	8 1 3	59 knees	5 44 6	16
11	B	Martin B.	8 3 3	57 knees	5 46 6	14
12	B	Solomon Sap.	8 5 3	55 knees	5 48 6	12
13	B	13 Sun. af. Tr.	8 6 3	54 legs	5 49 6	11
14	C	Jucundus	8 8 3	52 legs	5 51 6	9
15	D	Macutus	8 10 3	50 legs	5 52 6	8
16	E	Edmond dep	8 12 3	48 legs	5 54 6	6
17	F	Hugh bish. lin	8 14 3	46 feet	5 55 6	5
18	B	Oda Mart.	8 15 3	45 feet	5 56 6	4
19	B	Elizabetha	8 17 3	43 head and	5 57 6	3
20	B	14 Sun. af. Tr.	8 18 3	42 face	5 59 6	1
21	B	11000 Mart.	8 19 3	41 neck and	6 0 6	0
22	D	Cecilia Virg.	8 21 3	39 throat	6 1 5	51
23	E	St. Clement	8 22 3	38 arms	6 1 5	5
24	F	Chyslogon m.	8 23 3	37 armes and	6 2 5	8
25	B	Quind. Mart.	8 24 3	36 shoul iers	6 3 5	57
26	B	Linus	8 25 3	35 breast &	6 3 5	57
27	B	Advent Sunday	8 26 3	34 stomack	6 4 5	56
28	L	Trime end	8 27 3	33 heart and	6 5 5	55
29	D	Saturn fast.	8 28 3	32 back	6 5 5	55
30	E	St. Andrew A.	8 29 3	31 bowels	6 6 5	55

# December hath xxxj dayes.

New moon the 7 day, 2 min. before high noon.  
 First quarter the 15 day, 2 min past 5 in the evening.  
 Full moon the 22 day 3 min past 7 in the evening.  
 Last quarter the 30 day, 30 min. before high noon.

1	f	Eligius b. sh.	8 2 3	31	reines and	5	6	5	54
2	g	Candida	8 30 3	30	loins	6	6	5	54
3	a	Lucius Con.	8 31 3	29	secrets &	6	7	5	53
4	b	2 sun. in Adv.	8 31 3	29	bladder	6	7		3
5	c	Sabba Abbo	8 32 3	8	thighes	6	5	5	5
6	d	Nicholas B.	8 32 3	28	thighes	6	7	5	53
7	e	Ambrose	8 32 3	28	thighes	6	7	5	53
8	f	Concept. Mz.	8 2 3	28	knees	6	7	5	53
9	g	Joachin	8 12 3	28	knees	6	7	5	3
10	a	Eulalie	8 32 3	28	legs	6	7	5	53
11	b	3 sun. in Adv.	8 33 3	27	legs	6	4	5	52
12	c	Sol. sub. capti.	8 32 3	28	leggs	6	8	5	51
13	d	Lucy Virgini	8 32 3	28	feet	6	8	5	52
14	e	Ember week.	8 32 3	28	feet	6	7	5	53
15	f	Abraham	8 32 3	28	head	6	7	5	53
16	g	D sapientia	8 32 3	28	head &	6	7	5	53
17	a	Lazarus	8 32 3	28	face	6	7	5	53
18	b	Ordin. Pst.	8 31 3	29	neck and	6	7	5	51
19	c	Henetta	8 31 3	29	thron	6	7	5	51
20	d	Julian Fast	8 30 3	3	armer and	6	7	5	53
21	e	S. Tho. Apost.	8 30 3	0	shoulders	6	7	5	53
22	f	30 Mart. rs	8 29 3	31	breast and	6	6	5	54
23	g	Elisapia virg	8 29 3	31	stomach	6	6	5	54
24	a	Claudius fast	8 28 3	32	heart &	6	6	5	5
25	b	Christmas day	8 2 3	3	back	6	5	5	5
26	c	S. Stephen	8 26 3	34	bowels &	6	5	5	5
27	d	S. John Evang.	8 27 3	3	belly	6	4	5	55
28	e	Innocents	8 24 3	6	veins &	6	3	5	57
29	f	S. Tho. Cant.	8 23 3	3	loins	6	3	5	57
30	g	David	8 23 3	38	secrets &	6	2	5	58
31	a	Stilvester B.	8 21 3	39	bladder.	6	1	5	59

V A U X, 1664.

A PROGNOSTICATION,  
OR

An Appendix to the precedent Calendar for  
this present Year of Grace, 1664.

Being Bissextile or Leap-Year.

Wherein you may observe a brief Chrono-  
logy of Years : A Chronography of the four  
Quarters, Astronomically grounded : A brief De-  
claration of the two Luminaries, and of their sever-  
al Eclipses, visible this Year upon the Superficies  
of this Globe of Mortality, with other Astronomical  
Calculations, as also many other Notes and Ob-  
servations pleasant and profitable for all sorts of  
men in general.

Composed by *John Vaux* of *Bishop Awck-  
land*, Wellwisher to the Mathematicks.

*My Son, fear thou the Lord and the King,  
and meddle not with them that are given to  
change : For their calamity shall rise sudden-  
ly, and who knoweth the ruine of them  
both ? Prov. 24. 21.*

LONDON, Printed by *D. Maxwell* for the  
Company of STATIONERS. 1664.

# A Prognostication

*A Compendious Chronologie of years expired  
within the compass of this present Year. 1664.*

The Creation of the World	5613	
The General Deluge	3957	
Brute entred this Island	2771	
The Building of the Famous City of London	2771	
York was built	2629	
The building of the (sometimes Famous) City of Rome	2055	
The Passion and Death of Christ	1631	
Jerusalem utterly destroyed by Titus Vespasian	1581	
The Christian Faith	England Scotland Ireland	1487
Generally received in		1457
		1234
Constantine the Great, King of Great Britain	1263	
The building of Durham Abbey	669	
Duke William conquered England	598	
The miraculous sinking of Hell-Kettles	483	
The Coyning of Durham Pence	468	
The first Major of London	455	
The Bible was divided into chapters	457	
The Famous Battle at Nevils Cross	317	
Pope Urbanus the 4 <sup>th</sup> made a New Holy-day in honour of the Sacrament, and called it Corpus Christi day	309	
The Invention of Guns	284	
The Building of Bishop Aweklands (sometimes Famous, but now demolished) Chappels by Bishop Anthony Beake	379	
The ancient Mannor House he did incastellate, he built the great Hall there (in which there are divers Pillars of black Marble speckled with white) the great Chamber likewise, and many other rooms adjoyning: He also erected the Quadrant in the West-end of the Chappel for the habitation of a Dean and Prebendaries.		

Since

# V A U X 1664.

Since

The building of <i>Newton-Capp</i> Bridge, and the Bridges of <i>Shickley &amp; Turum</i> , by <i>Walter Shirlaw</i>	216
The Original of the Anabaptists	139
<i>Martin Luther</i> began to oppose the Pope	147
The use of <i>Cosches</i> came into <i>England</i>	108
The Building of the Royal Exchange	98
The rebellion of the Earls of <i>Northumberland</i> and <i>Westmerland</i>	83
The great Fire in <i>Darlington</i>	78
<i>Tilbury</i> Camp in <i>Essex</i> upon <i>S. James's</i> day	76
The great Eclipse of the Sun, ever since called the dark Saturday	67
The Diabolical attempt of the Powder Treason	59
The last great Frost	55
<i>Smithfield</i> was paved and railed	52
King <i>James</i> his progress into <i>Scotland</i>	46
The Birth of King <i>CHARLES</i> the Second	34
The last great Snow	29
The building of the Free Grammar School in <i>Bishop Auckland</i> , by the Right Reverend Father in God <i>Thomas</i> late Lord Bishop of <i>Durresm</i>	26
The beginning of the Long Parliament	24
The Earl of <i>Strafford</i> was beheaded	23
The Battle of <i>Keinson</i> , October 23.	22
The Battle of <i>Brainford</i> , Novemb. 12.	22
The Scots came to assist the Parliament	21
The Battle of <i>Newberry</i>	20
The great Battie at <i>York</i>	20
The fatal Baxle at <i>Naseby</i>	19
King <i>CHARLES</i> the first was murdered	16
The dissolution of the long Parliament <i>Mar. 15.</i>	4
The Restauration of <i>K. Charles</i> the II. <i>May 29.</i>	4

— Which happy Day

Let none but base-bred Rebels ever fail  
To Consecrate, and let this age entail  
Upon succeeding times eternally,  
Heavens highest love, in that Days memory.

## A Prognostication

Of the Exact time of the Suns entrance into the four Cardinal Signs, this present Year, 1664.

THE Cardinal Signs are *Aries, Cancer, Libra* and *Capricorn*, being as it were the hinges on which the Year hangeth, and by which it is divided into four Quarters: The Quarters amongst the Jews were called *Tekuphaes*, or *Conversiones anni*, two of which fall into the Equinoxes; and two into the Solstitial points, wherein there is as it were *Solis statio*, because for some certain days together, the Sun seemeth to stand still, the days being not sensibly perceived either to lengthen or shorten; and in the Equinoxes the dayes and nights are always equall.

The first of these Quarters naturally is *Autumn*, because (in all probability) the World was created at that time of the Year, the proof whereof you may see in the Book called *Speculum mundi*, cap. 2. Howbeit I will here begin with the Spring first, because it is the first Quarter next after the beginning of our Julian Year.

### Of the Spring.

THE pleasant Season whereof, whose Return revives each Vegetable, takes his beginning the ninth day of *March*, 7 seconds past 6. of the clock in the evening, at which time the resurgent Sun hath mounted from the winter Solstice to the Equinoctial line, or the first scruple of *Aries*, at which time the days and nights are of equal length.

This Quarter continueth until the Sun hath made his Progress through those 3. Vernal Signs, *Aries, Taurus*, and *Gemini*.

### Of Summer,

WHose beginning is, when as that transparent Lamp the Sun hath almost mounted to our Zenith, entering



tring the first minute of the Tropical Sign *Cancer*, which is the Æstival Solstice, and is then in his greatest Declination towards the North from the Æquinoctial, being then with us the longest day and shortest night in the Year, and is the tenth of June, at nine of the clock in the evening.

This Quarter continueth until *Phœbus* hath in Majesty rid through these Summer Signs, *Cancer*, *Leo*, and *Virgo*,

*Of Autumn or Harvest.*

**W**Hich beginneth when the Sun toucheth the first minute of the other Æquinoctial Sign *Libra*, emballancing again his Rayes with equall poize to all terrenal Inhabitants, which this Year falleth out the twelfth of September, 6. min. after high-noon.

This Quarter continueth untill the Sun hath made his Progress through these Autumnal Signs, *Libra*, *Scorpio* and *Signtarius*.

*Of Winter.*

**T**HE Hiemal or Winter Quarter being the fourth and last Quarter of the Year Astronomical, beginneth with us the tenth of December, 13 minutes before midnight, at which time the Sun entreteth into the first scruple of *Capricorn*, continuing untill the noble Sun hath past that Tropical Sign, and in like manner through *Aquarius* and *Pisces*.

*Of the four Quarter Sessions of the Year.*

The Quarter Sessions after Christmas will this year begin the 13 day of January.

The Quarter Sessions after Easter will this year begin the 20 day of April.

The Quarter Sessions after the translation of *St. Thomas* the Martyr, will be kept upon the 13 day of Iuly.

The Quarter Sessions after *St. Michael* the Arch-angel will be kept upon the 5 day of October.

## *A Prognostication*

### *Of Eclipses.*

**A**lthough the Word Eclipse signifieth to be darkned, yet it is here taken more especially for a darkning of the Sun and Moon, and signifieth to be darkned, or hid from our sight, for the Moon is truly deprived of her light, but the Sun is only hid from our sight. The cause of the Eclipse of the Sun is nothing else but the direct coming of the body of the Moon (which is dark) between the Sun and the earth, and so between our sight and the Sun, which cometh to pass only at the change of the Moon. And the cause of the Eclipse of the Moon, is the Suns being in the opposite point of the Heavens to the full Moon, and consequently the earth between the Sun and Moon, enforceth the shadow of the earth towards the Moon, whereby she is debarred from the light which she receiveth of the Sun; the more directly that they behold one another, the more of their bodies are eclipsed.

The Eclipse of the Moon is seen in all places of a like quantity; but the Sun may appear Eclipsed in one place of the earth, and at the same time not appear Eclipsed in another part of the earth.

Moreover because the body of the Sun never moveth from under the Ecliptick line, and the Moon she moveth under another Line called her deferent, which hath one half Southward, and another half Northward, of the Suns way or Line; therefore is it, that there is no Eclipse, nor can they be directly opposite, but where these two Lines cross, or cut one another, this intersection, or place of cutting is called the Dragons head, or Dragons tail; and as the twelve Signs, the seven Planets, and five Aspects have all their distinct Characters, so is the point called the Dragons head thus marked, ☊ and the other intersection called the Dragons tail thus ☋. Observe that every year there are at least two Eclipses (though not always any one visible to us) and but six at most. And to measure the quantities of Eclipses, the whole breadth of their bodies, is divided into

into twelve equall parts, called Digits; as if there were one half of the body of the Sun Eclipsed, it should be called six Digits; yet in Eclipses of the Moon we reckon the number of Digits, according to the quantity of the shadow of the earth, which may extend almost to 23 Digits; but the Sun is never Eclipsed full thirteen.

There will be four Eclipses this present Year, two of the Sun, and as many of the Moon; of all which we in England shall onely see the last, which is a totall Eclipse of the Moon.

The First is, a little Eclipse of the Sun, upon the 18 of January in the morning, to be seen only in the North-East parts from us, but because the obscuration exceeds not 3. Digits, and cannot be visible neither, I forbear to handle it further.

The Second is, a very great and totall Eclipse of the Moon upon the first day of February, which will exhibite it self to the more Eastern parts of the World; inasmuch as such as live in the Oriental part of great Tartaria, China, Melair, Sandri, Cambuta Japonia, Xicoa, in insulis Philippina, Meluccie, Gilolo, Ceiram, Daru, Simpagna, &c. shall see the whole body of the Moon eclipsed in or near their Meridian.

The Third is, a very small Eclipse of the Sun upon the twelfth day of July which will onely be visible in the remote Southern parts of the Earth unknown to us.

*The Calculation of the great Eclipse of the Moon that will be visible at Durben upon Wednesday the 27 of July, near midnight.*

	hor	min.	sec.
The beginning thereof at	9	23	57
The beginning of total obscurity at	10	37	15
The middle of the Eclipse at	11	24	38
The true opposition at	11	27	33
The end of total obscurity at	12	12	03

### A Prognostication

The full recovery of Moon light at ——— 1 25 19  
 The total Duration ——— 04 01 22  
 Digits Eclipsed ——— 16 22 07

Frequent experience hath taught us, that Eclipses are the fore-runners of great Evils, as Sicknes, Pestilence Death, Wars, not onely where they are seen, but also according to the Sign, and such as have relation thereunto.

Their Effects are judged to continue so many years as the Eclipse of the Sun lasteth houres, and so many months as the Eclipse of the Moon lasteth hours.

During antiquity thought that some evill Serpent devoured the Moon, or that she was enchanted at her Eclipse, and therefore with noise of Tumpets, beating of Drums, Kettles, &c. like mad-men they thought to recover the friendly Goddess supposed to be lost.

*Ovid. lib. 4. Met.*

*Cum frustra resonant ara auxiliaria Luna.*

*Saturn* is retrograde from the beginning of this year, to the 15 day of *August*, and from thence to the years end he is carried direct.

*Jupiter* is carried in his direct motion from the beginning of the year to the 25 day of *April*, from thence to the 24 day of *August*, he is retrograde, and from thence to the years end direct.

*Mars* is retrograde from the beginning of the year to the 15 day of *March*, and from thence to the years end direct.

*Venus* moveth in her direct motion through all this year.

*Mercury* is direct to the 18 day of *February*, from thence to the 11 day of *March* retrograde, from thence to 21 day of *June* direct, from thence to the 16 day of *July* retrograde; from thence to the 15 day of *October* direct, from thence to the fourth day of *November* retrograde, and from thence to the years end in his direct motion.

The

The true or apparent magnitude of the Tropical year is 365 days, 5 hours, 55 scruples, 37 seconds, and it be-  
ginneth the 9 day of March, 7 seconds past 6. a clock in  
the evening Astronomically, at what time the Sun entereth  
the first minute of the *Æquinoctial Sign Aries*.

*Direction* is the progression of a Planet according to  
the Succession of the Signs, which is made from the West  
into the East; as from *Aries* unto *Taurus*, from *Taurus*  
unto *Gemini*, &c.

*Retgradation* is a motion of a Planet, contrary to  
the succession of the Signs, from the East into the West,  
as when the Planet returneth from *Taurus* unto *Aries*,  
&c.

*Stationary*, is a motion of a Planet, like a man resting  
quiet, *Viz.* when a Planet goeth forward neither towards  
the East, nor towards the West in the Zodiac. A Plan-  
et is *Oriental*, when in the morning it riseth before the  
Sun, and *Occidental* when it setteth after the Sun.

The Line *Ecliptick* is a circle in the very middle of the  
Z. disk, under which the very middle or center of the  
Sun doth continually move.

*Latitude* in the Heavens, is the wideness or distance of  
the Stars or Planets from the *Ecliptick*, either North-  
ward or Southward.

*Altitude* of a Planet is the motion of such a Planet in  
which it is carried from his lowest place of Heaven, or  
from the center of the Earth, into the highest place, or un-  
to the top of his circle, and then a Planet is said to be in  
*Apogæo*, that is, the most highest and most remote from  
the Earth.

The lowestness of a Planet is when as he is placed in  
the opposition of the *Auge*, and then he is said to be in  
*Perigæo*, and the neereft to the center of the Earth; for  
these two places in which is said to be the highest and  
lowest places of the Planets, they are named *Abfides*  
*summa, & ima, illa Apogæum, hæc Perigæum.*

Epi-

## A Prognostication

*Epleycle* est vocabulum *Aris*, used in Astronomy: It signifieth a lesser Circle, whose center or middle part is in the circumference of a greater Circle.

In the upper part of this *Epleycle*, the five Planets *Saturn*, *Jupiter*, *Mars*, *Venus* and *Mercury*, do go forward according to the course of the Signs, as from *Aries* to *Taurus*, &c. But when they are in the lower part of it, they are Retrograde (as I have said a little before) that is, go backward, as from *Gemini* to *Taurus*, from *Taurus* to *Aries*.

*Vac. curs.* or void of course, is when the Moon or any other Planet is separated from a Planet, and not joyned to another, during his or her residence in that Sign.

*Savage* or *Wilde*, is when the Moon or any other Planet is in a Sign, and not aspected of another.

The *Golden Number* or *Prime*, is the number of 19 years, in which time the Sun and Moon, maketh all their variety of changes, fulls, and quarters.

*Epaq*, is the 11 days and 3 hours, which are added to the year of the Moon, being 364 days, to make it equall with the year of the Sun, which consisteth of 365 dayes and six hours: By the Prime is found out the *Epaq*, and by the *Epaq* is found out the age of the Moon.

The *Circle of the Sun* is the number of 28. because that in 18 years, all the variety of the Dominical Letters and Leap-years are expired; and the 29 year the said Circle doth begin again. The use of which number is to finde out the Dominical Letter for any Year, past, present, or to come.

*Qui sapit, ille animum fortune preparat omni,  
Prævisumq; potest arte levare malum.*



## A Prognostication

The Sun is } June 17. 4093008 }  
distant from } Mean distance 3951400 } English Miles.  
the Earth } Decem. 17. 3809692 }

The Moons } greater } distance } 197996 }  
} mean } } 197416 } English Miles.  
} least } } 184836 }

Saturn } distant from the } 36249800 }  
Jupiter } Earth in their } 12709640 } English Miles.  
Mars } mean distance } 5995820 }

*Venus* and *Mercury* their mean distance is the same with the  
Suns.

The eighth Sphaer distant from the earth 48104000 miles.

If any man shall ask why I have not followed the Magnitudes of the Planets, set out by *Ptolomy*, and followed by all untill this Age, as also of the fixed Stars, as they are determined by *Alphraganus* and *Albategnius*.

I answer, That I follow him, who had more means, and took more pains to find the truth herein, then any that ever was before him, or then perhaps shall ever follow him; (*Viz.*) The ever Honour'd and most Noble Lord of *Knaustrop, Tisho Brahe*, who in *lib. Prognosmat. cap. 7.* hath set down the grounds from whence these Calculations are derived; where he hath brought to the Trial, the different opinion of those that hold otherwise: And by his new (and perhaps only true) Hypothesis, hath plainly shewed the reason of the Errors of the Ancients in making the Superiour Planets too great, and the Inferiour too little; especially *Mercury*, whom they have made (upon a false Hypothesis, and Systema of the World) many hundred times less then the earth, being indeed but 19 times less And if we consider the means used by *Alphraganus* and *Albategnius*, we shall see, that first they made their distance too great upon the Ptolomaical Hypothesis, and then dividing them into certain Classes, determined the Magnitude of the first, and so descended proportionably, without the regard of the apparant Diameter of every Class severally, and so must needs miss of the truth for want of pains; all  
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which were carefully regarded by that Noble Tycho: Yet must we not think to come so neer the truth in these things which are so remote from sense, as in those mensurations which are subject to sense, and under our hands: Yea, in those of the fixed Stars, so great is the difference of opinion amongst the Masters of Astronomy, that they who defend the Hypothesis of Copernicus, are forced to make those fixed Stars of the third Magnitude, to be equall in Diameter to the Annual Orbe of the Sun; and to be removed so far from us, as they leave a space between the Convexity of Saturns Sphear, and the Concavity of the eighth Sphear, of more then twenty times the distance of Saturn from us, altogether void of bodies, and serving to no other purpose but to save the Annual motion of the Earth, introduced by Copernicus, quite taking away that proportions, which God the Creator hath observed in all other things. But seeing that God hath created all things in number and weight and measure in an excellent proportion and harmony; let us bid farewell to this asimetrie and inconcinnity of Copernicus; and withall to the Annual Motion, which falleth together with it; and let us admire the Greatness and Wildome of the Creator in making and disposing this glorious frame of the World.

I should now (if I would run in the common Circle, and write things rather for fashion, then for use) add something of Elections Medicinal, and Husbandry, as they are commonly called; but more truly by Kepler, a Learned Astronomer, *Res totius Astrologia vilissima tantoque magis neglecta, quanto magis lux veritatis in rebus Physicis & Astronomicis exsistit*: Therefore letting pass those Elections that respect Journeying, Marriage, &c. being things altogether out of Use in these Annual Books, much less regarding the Questionary part of Astrology, invented by the Arabians, and Indians, long ago rejected, and unanimously con-

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condemned, as an unlawful Sorilege; even Medicinal Elections, although they want not perhaps their Reason, yet very rarely are they, or can be observed: for how often doth any, even the Learned Physicians, chuse an hour, that I say not a minute, for the opening of a Vein or administering Physick? Do they not take the morning as much as may be? And in dangerous Diseases there is no stay for an Aspect, no regard of an happy or unhappy Day: And for Husbandly Elections, if any shall rye himself to the times prescribed by Astrologers, he will perhaps be sfter idle, then employed, and see an end of his auspicious time, before an auspicious end of his work.

Although I deny not but that the Superiour Bodies have their *Energiz*, and force upon these inferior Bodies, and that *mundus superior unitus est mundo inferiori*, and that in an excellent agreement, whether we respect the parts of the Macrocosm in themselves, or compared with the Microcosm, in that all those Effects which fall out here below, (not depending upon the Will of man) have their causes above, whether they be known to us or no, (for our Ignorance of them cannot take away their Existence) and those causes perhaps in themselves certain, yet so, as the All-wise and powerful Moderator of all things, hath reserved to himself a liberty of working by them, without them, or against them, controlling the course, and altering the order of Nature it self, when it pleaseth him; for he that made the Sun sometime to stand still, sometime to go backward, and eclipsing is once without any natural cause, can likewise when it pleaseth him countermand their influence, destroy the tokens of Astrologers, and make the Diviners Fools. But for that even their natural Influence is held in a remote secrecy (their very motions being not so truly determin'd, even by the best restorers of them, but that in some things they might perhaps be correct'd)

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how much less can their Natures which want means of Demonstration, standing all upon conjecture be certainly known, which yet must be known, before there can be either prediction of things future or election of times. But because here is not room for a full discourse of this Subject, wherein out of true Astronomical grounds and Principles might be discovered the vanity of Astrological predictions; I cease therefore to say any more of it, and will easily grant, that in the influences (as they are so) there may be equal certainty with their motions, but will deny any equal knowledge of them in the Artist. I will therefore leave that ordinary course, and give in exchange some other Notions, which in this stiff-necked, perverse, rebellious, and upstart Generation, shall be more edifying, useful, and profitable.

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### *The Duty of Subjects.*

C Oncerning the Duty of Subjects for Methods sake, which is a great furtherance to memory, I will refer to these five heads: 1. Reverence. 2. Obedience. 3. Piety. 4. Faithfulness. And fifthly, Thankfulness. Of these briefly and in order:

The First is Reverence, which is a Godly Subjection in heart, word, and deed; thinking and judging honourably of the Magistrate, even of the lowest; looking not to his person, whether good or bad, but to the person which he representeth which is God, speaking reverently, for it is written: *Thou shalt not rail upon the Judges, neither speak evil of the ruler of the people, Exod. 22. 28. Acts 23. 5.* And all lowly gestures whereof we have a notable instance in 1 Kings 1. 23.

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of the Prophet Nathan, who when he was come into the Kings presence, made obeysance before him upon his face to the ground; yea it is requisite, that Subjects interpret the sayings and doings of the Chief Magistrate to the best, and so conceal and cover their faults, giving feare to whom feare, and honour to whom honour belongeth.

The Second Duty is Obedience, which ought to be performed by all persons, and in all things possible (the contrary whereof God commandeth not) though hard and unequal, not examining what it is which is commanded, but being content with this, that it is commanded. *I aduertise thee* (saith the Preacher) *to take heed to the mouth of the King, and to the Word of the Oath of God.* Haste thou not to go forth of his sight; stand not in an evil thing; for he will do whatsoever pleaseth him. Where the Word of a King is, there is power, and who shall say unto him, what dost thou? Eccles. 8. 2, 3, 4 And this obedience must be to all Governours, to the King as supream, and to the rest appointed by him, 1 Pet. 2. 13, 14. And to these, whether Christian or Heathen, good or bad, merciful or cruel, for there is no power but of God, Romans 13. 1.

The third Duty is Piety, that Subjects pray for their Governours: Yea, though they were Infidels or wicked. *I exhort therefore that first of all, supplications, prayers, intercessions, and giving of thanks, be made for all men: For Kings, and all that are in authority, that we may lead a quiet and peaceable life, in all godliness and honesty: For this is good and acceptable in the sight of God our Saviour,* 1 Tim. 2. 1, 2, 3. Thus did Daniel; thus did the ancient Christians for the Heathen Emperours, for their long life and safety, for their issue and offspring, for their quiet government, that their Councils might be

be wise and faithful, their Armies victorious, their People loyal, &c.

The Fourth Duty is Faithfulness, which requireth that Subjects be quiet and peaceable, and true hearted in all Loyal Allegiance: that they be not traiterous or seditious, raising, or consenting to tumults, insurrections, mutinies, &c. but that they reveal such things speedily, and that what they can by all good, possible, and lawful means, they do defend and keep safe, the health, life, person, cause, crown, dignity, and family of the Supreme Magistrate against all Opposites whatsoever; yea, with the loss of their own best blood, for if we must lay down our lives for our Brethren, much more for our Fathers.

The Fifth Duty is Thankfulness, which is a ready and cheerful love which is to be shewed in a willing paying of tribute, and bearing such charges, as are imposed by the King, or superiour Magistrate, inasmuch as the treasure of the King is the Sinew of the Common-Wealth, and because he watcheth and careth for all, and defends all: So Joseph and Mary travel willingly to be taxed, Luke 2. 7. Yes, our Saviour Christ and Peter pay tribute, Matth. 17. 27. none are exempt, for if any, Christ and Peter, then why not their Successors? and all these things Subjects are to do cheerfully and willingly, even to wicked Princes, not onely for fear, but for Conscience towards God, who accounts himself neglected, resisted and opposed, when his Deputies are resisted, opposed, or neglected.

Now from these Heads I might draw many Uses, but but I will insist only upon these two.

Use 1. Learn thy duty, thy calling is to be subject, pray for the prosperity of the King, and all his Dominions. Pray for the peace of Jerusalem, that peace may be within her walls, and prosperity within her Palaces: Speak not evil, but reverence in word and deed, the Chief, and all under Magistrates, yea, think not an

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evill thought. Beware of Sedition by the example of *Corah, Absalom, Shela*, &c. Obey for Conscience, quarrel not, neither murmur at the Commandment, though unequal and hard, if not impious to be done: Pay all Subsidies, Taxes, Customes, &c. and patiently; yea though it go hard with thee and thine, and thou be faine to borrow it: Do it of Conscience, and thou shalt be more blessed in thy substance: Remember Christ had it not when it was due, and he willingly payed; and surely if we must willingly pay to a Heiben, much more to a Christian, religious, merciful and renowned King: Draw not thy neck out of the ycke, and being able, go not about to be eased of that which is thy duty in Conscience to pay. It is no part of a good Subject, or of one that loveth his Prince, or Common-wealth, to seek to be free, or to be eased, above his equals in a common burden, the benefit whereof comes to himself.

*Use 2.* With bended knees both of soul and body, let all true hearted Subjects pray for the safety and preservation of the person, life, crown and dignity, of our most gracious and hopeful King *Charles the Second*, by the Grace of God, King of great *Britain, France, and Ireland*, Defender of the Faith, &c. and in all causes, and over all persons, as well Ecclesiastical as Civil, within these His Dominions, next and immediately under *Jesus Christ* Supreme Governour, &c. who is the very breath of our nostrils: That God would vouchsafe to shewie down and multiply his blessings upon the illustrious *James Duke of York*, and all the Royal Family: That it would please him to look down with the eyes of mercy upon our gracious Queen *Katherine, Mary* the Queen Mother, and convert them to embrace the Gospel of *Jesus Christ* in truth and sincerity of heart, that with *Mary* mentioned in the Gospel, they may chuse that good part which shall never be taken from them, that

that God would indue them with all heroleal ver-  
tues and Spiritual graces, which may make them fit  
for those places for which he hath ordained them :  
That God would direct with wiidoms, and piety all  
the Honourable of His Majesties Privie Councel, and  
bless all the reverend Fathers of the Church, that  
he would indue all the Nobles and Gentry of the Kings  
Dominions with Fortitude, Courage, and Loyalty, and  
all the grave and Honourable Judges, Right Worship-  
ful Justices, and other inferiour Magistrates, with the  
knowledge and conscience of equity, justice, and right :  
All the Ministers of the Word with ability of gifts, and  
conscionable care and diligence in the Lords Harvest :  
and all the Commons with peaceable, loyal, and reli-  
gious minds and affections ; that God would hold  
back the judgements we have deserved, and continue and  
increase upon us and our Posterity, his undeserved  
mercies bodily and spiritual to his own glory, and the  
temporal and eternal comfort of us all, through our  
Princely Saviour Jesus Christ: *Amen, Amen.*

Durham.

**T**H<sup>e</sup> Bishoprick of Durham was erected there by Al-  
win, Bishop of Lindisfarn, or Holy-Iland, Anno Do-  
mini 990, this ancient Bishoprick being destroyed by the  
Danes about Anno Christi, 800, and till that year 990,  
windring up and down unsetled, which Bishoprick of Lin-  
disfarn, was first erected by Oswald King of Northum-  
berland, Anno Christi, 637.

Bishops of Lindisfarn or Holy-Iland.

1 S. Finan	637	3 Colmanus	661
2 S. Aidanus.	651	4 Tuda	664
	C 2		5 S.

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5 S. Bata	665	17 Tilred	915
9 S. Cuthbertus	684	18 Witherd	927
7 S. Eadbertus	687	19 Vghred	944
8 Egbertus 1	698	20 Sechelm	
9 Ethelwood	721	21 Aldred dyed	968
10 Kenuiph	738	22 Alfus	968
11 Higbald	781	23 Aldwin.	960
12 Egbert 2	802	<i>This Aldwin first seled the See at Durham, where is bath ever since continued.</i>	
13 Egfrid	819		
14 Eanbert	845		
15 Eardulph	854		
16 Cuthard			

## *Bishops of Durham after Aldwin last Bishop of Lindisfarn.*

1 Eadmund	1020	15 Walter de Kirkham	1250
2 Eadred	1048	16 Robert Stichel	1260
3 Eadricus	1049	17 Rob. de Insula	1274
4 Egelwinus		18 Anth. Beck Patri- arch of Ierusalem	1283
5 Walcher Earle of Northumberland	1071	19 Rich. Kellow	1311
6 William de Cairles alias Carliph	1080	20 Ludov. Beaumont	1317
<i>The See void 4 year</i>		21 Richard de Bury	1333
7 Randal Flambard	1093	22 Thomas Hatfield	1345
8 Geffery Rufus	1128	23 John Fordham	1381
9 William de Sabara	1143	24 Walter Skirlaw	1388
10 Hugh Pudsey Earl of Northumberl.	1154	25 Tho. Langley Card	1406
11 Philip de Picotavia	1197	26 Robert Nevil	1438
12 Rich. de Marisco	1217	27 Laurence Beech	1457
13 Richard the poor	1228	28 William Dufay	1476
14 Nich. de Fernham	1241	29 John Sherwood	1483
		30 Richard Fox	1484
		31 William Seier	1502
		32 Chr.	



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32	Christ. Bambridge	1507	40	William James	1606
33	Thomas Ruthal	1508	41	Richard Neile	1617
34	Thomas Wolley	1523	42	Geo. Mountain	1628
35	Cuthb. Turstall	1530	43	John Howsen	1628
36	James Pilkington	1560	44	Thomas Morton	1632
37	Richard Barnes	1577	45	John Cozens, By divine	
	<i>The See void 2 yeers</i>			<i>Providence now L. BP.</i>	
38	Matthew Hurton	1587		<i>Duresm, Conf. Decem. 2.</i>	
39	Toby Matthew	1594		1660.	

*Judgements of the Weather so far forth  
as God hath imparted to man by the  
Aspects of the Planets amongst  
themselves.*

**T**He Conjunction of *Saturn* with *Jupiter* in fiery Signs, great drought; in watery floods and rain; in airy great winde.

The Quadrat, Sextile, or Opposition in moist Signs, troubled aire, as hail, rain, wind, thunder before and after.

The Conjunction, Quadrat, or Opposition of *Saturn* with *Mars*; in watery Signs, in Summer, rain, often showers, with hail, thunder and lightning.

The Conjunction, Quadrat, or Opposition of *Saturn* with the Sun, in cold Signs dark weather, hail, rain, thunder, and cold dayes.

The Conjunction or Quadrat of *Saturn* with *Venus*, in winter cold rain; especially in moist Signs, in Summer mitigation of heat.

The Conjunction, Quadrat, or opposition of *Saturn* with *Mercury* in watery Signs, rain, in hot and dry Signs drought

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drought; in Summer, thunder, lightning and tempest.

The Conjunction, Quadrat, or opposition of *Jupiter* with *Mars*, in moist Signs thunder, rain, lightning; in Winter cloudy or thick weather.

The Conjunction Quadrat or opposition of *Jupiter* with the Sun or Moon, great and most vehement winds.

The Conjunction Quadrat or opposition of *Jupiter* with *Venus*, in moist Signs mistings; in other Signs fair weather.

The Conjunction Quadrat or opposition of *Jupiter* with *Mercury*, great winds,

The Conjunction Quadrat or opposition of *Mars* with the Sun, in fiery Signs drought, in watery thunder or rain:

The Conjunction Quadrat or opposition of *Mars* with *Venus*, in moist Signs, rain or tempest.

The Conjunction Quadrat or opposition of *Jupiter* with *Mercury*, in hot Signs heat, in dry Signs drought, in watery rain, sometimes thunder and lightning, with fierce winds.

The Conjunction Quadrat or opposition of *Venus* with *Mercury*, rain, in Summer tempest, if they agree in watery Signs.

The Conjunction Quadrat or opposition of the Moon with *Saturn*, in moist Signs cloudy air and cold, according to the nature of the Sign; if she go from *Saturn* to the Sun, harder weather ensue.

The Conjunction Quadrat or opposition of the Moon with *Jupiter*, in *Aries* or *Scorpio*, fair weather.

The Conjunction Quadrat or opposition of the Moon with *Mars*, in watery Signs rain, in hot Signs divers coloured clouds, in Summer often thunder.

The Conjunction Quadrat or opposition of the Moon with the Sun, in moist Signs rain; but more if she go from the Sun to *Saturn*.

The Conjunction Quadrat or opposition of the Moon with *Venus* in moist Signs rain, going from *Venus* to *Mars* variety of weather.

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The Conjunction Quadrat or opposition of the Moon with Mercury, in moist signs rain or wind, the more when she passeth from Mercury to Jupiter with great winds.

The Moon in hot and dry signs, as Aries, Leo, Sagittarius, at the change, quarter, and full, judge fair weather in Winter, in Summer heat.

If in earthy and dry signs, as Taurus, Virgo, Capricorn, in Winter frost and snow, in Summer temperate heat.

If in airy and windie signs, as Gemini and Aquarius, much winde.

If in watry cold and moist signs, as Cancer, Scorpion, and Pisces, in Winter, wet weather, and in Summer, pleasant and temperate.

Divers other material things are to be observed for the variation of the Weather before solution; for the same cannot be punctually expressed; and therefore I refer the Courteous Reader to the view of Larger Volumes, provided in this and such like kind.

*The Lord of Hosts, who rules all mortal things  
Within whose hands are plac'd the hearts of Kings;  
By whom all Kingdoms stand, and Princes reign  
Preserve thy CHARLES, and my dread Sovereign;  
Let traitors plots, like wandring Atomes flie,  
And on their heads pay ten-fold Usury;  
His bosome Tutor, and his safety tender,  
O be thou his (as hee's thy Faiths) Defender;  
Great Judah's Lion, and the Flw'r of Jess,  
Preserve thy Lions, and thy Flowers blest.*

FINIS.